



2013 Louisiana Environmental Education Symposium

SHORT COURSE DESCRIPTIONS

The following *optional* Short Course sessions are being offered on **Friday, February 22, 2013** in conjunction with the 2013 conference. Short Course participants must also register for the Environmental Education Symposium and pay conference registration fees, in addition to the nominal Short Course fee.

Preregistration is required.

Space is limited!

Participants will be notified via e-mail.

Questions? Contact Venise Ortego at vortego@wlf.la.gov or (337) 948-0255.

“Give a Whoop!” Whooping Crane WORKSHOP

Facilitators: Heather Egger, University of New Orleans
Amy LeGaux, Audubon Nature Institute
Sue Ellen Lyons, Holy Cross High School
Sara Zimorski, LDWF Whooping Crane Biologist
Carrie Salyers, LDWF Endangered Species Education Outreach Biologist

Grade Level: 5-12 **Time:** 8:00 AM–3:30 PM

Fee: \$10; lunch provided **Location:** LDWF Waddill Outdoor Refuge



Participants will learn about the complexities and challenges of the whooping crane reintroduction program, receive how-to demonstrations on classroom lesson activities, and engage in field work related to animal tracking using GPS units. Workshop participants will receive a \$75 stipend, a handheld GPS unit for classroom use, a lesson series of ten engaging, GLE-aligned lessons covering topics such as taxonomy, bird reproduction, ecosystems, adaptation, and endangered species, and other related items. This workshop is sponsored by: CHEVRON and Louisiana Wildlife & Fisheries Foundation.

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Innovative Designs & Practices Paving the Way to Sustainable Success Stores TOUR

Facilitators: Edward Cazayoux, Ph.D., Architect specializing in climate responsive architecture
Charles Allen, Ph.D., Author of “Edible Plants of the Gulf South”
Katy Martin, Civil Engineer
Trish Ransom, Artist specializing in repurposing

Grade Level: General **Time:** 8:00 AM–4:30 PM

Fee: \$10; lunch & transportation provided

Travel to the St. Landry Parish Visitor Information Center, which serves as an introduction to sustainable architecture and living closer to the land. Completed in 2011, you’ll hear first hand from architects, artists, and native plant experts on the utilization of renewable energy sources, routing of rainwater, recycling, and demonstration of local ecosystems. Then you will also see how trash is literally being turned into treasure – bio compressed natural gas (CNG) to be exact, at the

St. Landry Parish Landfill. This is one of only two such systems in the entire country! The resulting BioCNG is used to fuel vehicles operated by our Sheriff’s Department. Then enjoy a mini-workshop creating art out of debris!

Conservation Education Featuring WET, WILD, & Learning Tree WORKSHOP

Facilitator: Wade Dubea, State Forester
Whitney Wallace, INE Program Director

Grade Level: General **Time:** 8:00 AM–3:30 PM

Fee: \$10; lunch provided **Location:** Hilltop Arboretum

Here is an opportunity to participate in a single workshop and gain hands-on experience and resources from THREE exceptional programs. Workshop attendees will participate in selected activities from each program featuring water quality, wildlife and forestry. Activities are available for all grade levels, subject areas, and learning styles. Upon completion of the workshop, activity guides and resource materials will be provided to participants. Come share, learn, and experience nature as we promote teaching “how to think and not what to think” about our environment.





Rainwater Harvesting – Water Conservation and Water Quality WORKSHOP

Facilitator: Dotty Woodson, Extension Program Specialist-Water Resources, Texas A&M AgriLife
Grade Level: General **Time:** 8:00 AM–3:30 PM
Fee: \$10; lunch provided **Location:** Bluebonnet Swamp Nature Center

Come learn about the ins and outs of water conservation! And make your own rain barrel to take back to your classroom! Rainwater harvesting makes use of a valuable resource, provides a water source when groundwater or surface waters are unacceptable or unavailable, can augment existing water supplies, reduces the load into stormwater drains, reduces non-point source pollution, reduces the summer water peak demand, delays expansion of existing water treatment plants, and reduces water bills. A 2,000 square foot building can collect 1200 gallons in a 1 inch rain! Limited to 15 participants, each who will make a working rain barrel. Participants need to be able to transport their rain barrel back home!

Native, Exotic, Invasive...Oh My! WORKSHOP

Facilitator: Dianne Lindstedt, Marine Education Coordinator, Louisiana Sea Grant
Grade Level: 5-8 **Time:** 8:00 AM–3:30 PM
Fee: \$10; lunch provided **Location:** Bluebonnet Swamp Nature Center

Engage your students in a real ecological problem through aquatic invasive species. Learn about their ecological and economic impacts, how they spread, and what makes them tick. Practice activities that can be used in your classroom and consider developing a stewardship project with your students.

